

Amendments to the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

- 1.-6. (canceled)
7. (new) A vacuum housing for a magnetic resonance apparatus comprising:
a recess configured to receive lead wires for leading the lead wires to elements inside the vacuum housing; and
a first lead-through module comprising:
a first cover plate which is configured to seal the recess in a vacuum-tight manner together with at least a second cover plate, and
a first structural component connected with the first cover plate, the first structural component being configured to be led at least partially through the recess during assembly of the lead-through module, wherein the first structural component has dimensions that define the minimum size of the recess required for assembly and wherein the recess has a minimum size greater than that of the first cover plate.
8. (new) The vacuum housing for a magnetic resonance apparatus of Claim 7, wherein the first structural component comprises an inflexible gradient line.
9. (new) The vacuum housing for a magnetic resonance apparatus of Claim 7, further comprising a second lead-through module having the second cover plate.
10. (new) The vacuum housing for a magnetic resonance apparatus of Claim 9, wherein the second lead-through module further comprises a drawer-type lead unit, which is configured in particular to lead a high-frequency, temperature signal line.

11. (new) The vacuum housing for a magnetic resonance apparatus of Claim 9, wherein the second lead-through module further comprises a drawer-type lead unit, which is configured in particular to lead a shim control line.

12. (new) The vacuum housing for a magnetic resonance apparatus of Claim 7, wherein the recess is arranged in a lower portion of the vacuum housing.

13. (new) The vacuum housing for a magnetic resonance apparatus of Claim 7, wherein the vacuum housing is configured outward in the region of the recess in the form of a scoop to create a cavity to accommodate the lead wires.

14. (new) A vacuum housing for a magnetic resonance apparatus comprising:
a recess for leading through lead wires to elements inside the vacuum housing;
a first lead-through module comprising;

a first cover plate which is configured to seal the recess in a vacuum-tight manner together with a second cover plate, and

a first structural component connected with the first cover plate, the first structural component being configured to be led at least partially through the recess during assembly of the lead-through module,

wherein the first structural component has dimensions that define the minimum size of the recess required for assembly, and wherein the recess has a minimum size greater than that of the first cover plate; and

a second lead-through module comprising:

a second cover plate, and

a drawer-type lead unit which is configured to lead a line through the recess to electrically connect with an element.

15. (new) The vacuum housing for a magnetic resonance apparatus of Claim 14, wherein the line comprises a high-frequency, temperature signal line.

16. (new) The vacuum housing for a magnetic resonance apparatus of Claim 14, wherein the line comprises a shim control line.

17. (new) The vacuum housing for a magnetic resonance apparatus of Claim 14, wherein the first structural component of the lead-through module comprises a flexible gradient line.

18. (new) The vacuum housing for a magnetic resonance apparatus of Claim 14, wherein the recess is arranged at a lower portion of the vacuum housing.

19. (new) The vacuum housing for a magnetic resonance apparatus of Claim 14, wherein the vacuum housing is configured outward from the elements in the region of the recess in the form of a scoop to accommodate the lead wires.

20. (new) A vacuum housing for a magnetic resonance apparatus comprising:
a recess for leading through lead wires to elements inside the vacuum housing;
a first lead-through module comprising:
a first cover plate which is configured to seal the recess in a vacuum-tight manner together with a second cover plate, and
a first structural component connected with the first cover plate, the first structural component being configured to be led at least partially through the recess during assembly of the lead-through module, and
wherein the first structural component has dimensions that define the minimum size of the recess required for assembly and wherein the minimum size of the recess is greater than that of the first cover plate; and
a second lead-through module having:
a second cover plate; and
a lead unit connected with the second cover plate, wherein the lead unit is configured in particular to lead a line through the recess to electrically connect with an element.

21. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the lead unit comprises a drawer-type lead unit.

22. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the line comprises a high-frequency, temperature signal line.

23. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the line comprises a shim control line.

24. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the first structural component of the lead-through module comprises at least one flexible gradient line.

25. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the recess is arranged in a lower portion of the vacuum housing.

26. (new) The vacuum housing for a magnetic resonance apparatus of Claim 20, wherein the vacuum housing is configured outward in the region of the recess in the form of a scoop to create a cavity to accommodate the lead wires.